Packaging

\*100583\*

Page 1

Tuesday, April 23, 2013 3:07:50 PM Item ID: D4002-043 Accept. \*N900040100\* Setup Start **Revision ID:** Item Name: Aux Tank Drain Hose Assembly, Aft **Start Date:** 4/23/2013 **Start Qty: 10.00** \*10\* **Cust Item ID:** Required Date: 5/1/2013 Reg'd Oty: 10.00 **Customer:** Reference: Run Date: 13-4-23 Tooling: Process Plan: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Reject Tool # Plan Accept Reject Insp. Work Center ID Description **Run Hours** Qty Code Qty Stamp Number **Draw Nbr Revision Nbr** D4002 D 100 0.00 Cd 13/04/25 (FO \*100\* Purchasing 0.00 Memo Purchasing Issue P/O: 19693 Purchase part as per Dwg D4002 Part #:156001-3S-0154 Possible Supplier: Aviall / API Material release note required 110 Receive & Inspect for Damage & Mat'l Certs 0.00 \*110\* **Packaging** Memo 0.00

**Quality Control** 

Page 3

Tuesday, April 23, 2013 3:07:50 PM Item ID: D4002-043 Accept \*N900040100\* Setup Start **Revision ID: Item Name:** Aux Tank Drain Hose Assembly, Aft **Start Date:** 4/23/2013 **Start Qty: 10.00** \*10\* **Cust Item ID:** Required Date: 5/1/2013 Req'd Qty: 10.00 **Customer:** Reference: Run **Process Plan:** Approvals: Date: **Tooling:** Date: QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID Description **Run Hours** Qty Code Qty Number Stamp Identify as per dwg & Stock Location: ST 193 130 0.00 \*120\* Packaging 0.00 Memo Packaging 140 QC21- Final Inspection - Work Order Release 0.00 \*140\* QC 0.00 Memo **Quality Control** 

## **Picklist Print**

Tuesday, April 23, 2013 3:07:50 PM

Work Order ID:

100583

Parent Item:

D4002-043

Parent Item Name:

Aux Tank Drain Hose Assembly, Aft

Start Date: 4/23/2013

Required Date: 5/1/2013

**Start Qty: 10.00** 

Required Qty: 10.00

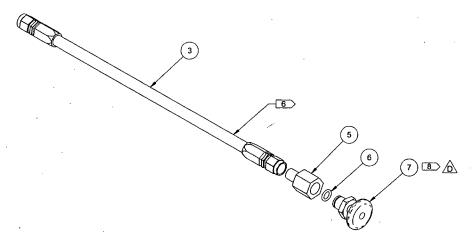
Comments:

IPP rev A 10.01.21 new issue Prelim EC verified by:DD

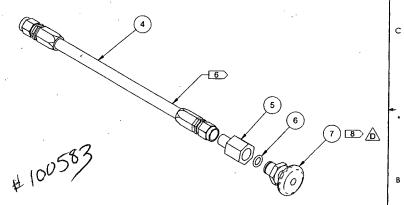
IPP rev B 10.11.03 added

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seg ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Date Issued Issued	Status
156001-3S-0154 Hose Assembly	. <u>.</u> .	Purchased	No	<u> </u>		110	Each	0.0000	1	10	100583 C	
<b>MS29528-4</b> FUEL DRAIN VALVE		Purchased	No			121	Each	5.0000	1	10	0/3/05	129
				<u>Location</u> GA		Loc Oty	<u>Lo</u>	c Code			M12548	75 (2)
				125 125		3 2				32	M12566	6(30)
<b>MS29512-04</b> D-RING		Purchased	No			121	Each	5.0000	1	10	1/3/0	5/2
				<b>Location</b>		Loc Oty	<u>Lo</u>	c Code				
				ST293		2				/	1448	3
				120	693	2				<del></del>	1 1110000	
				ST309	953	3			<del></del> -,	7	M125443	5 (52
.N894D4-3 itting		Purchased	No		633	121	Each	11.0000	1	10	1/3/05	-/29
				<b>Location</b> ST325		Loc Oty 4	<u>Lo</u>	c Code				'
				124	296	4				4		
				ST327		7						, ,
				124:	307	7				6	01/	1
2729-1 Part Logo label		Manufactured	No			121	Each	<b>∕</b> 9.0000	0	ے0	13/00	/29
2182-045 leat Shrink 4.5" Long		Manufactured	No			121	Each	0.0000	1	10	3/3/0	5/25
					•	Ba	760C	)9( <sub>[00</sub>	9		7	/ -/

			1	, I	5 1	4 .	
	ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER	
-[	1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13	
	2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16	
	3	. 1		D4002-1	HOSE ASSEMBLY		
ا تا	4		1	D4002-3	HOSE ASSEMBLY		
	5	1	1	AN894D4-3	FITTING		
	6	1	1	MS29512-04	O RING		
	7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)		







### D4002-043 DRAIN HOSE - REAR



D	ADDED	NOTE 8	DC	11.10.06			
С	ADDED	8.00" TO D40	02-1/-3 HOSES; AFFECTED WEIGHT	МВ	11.09.14		
В	CHANG	E LENGTH M	HS	10.11.03			
A	NEW IS	SUE	HS	10.03.01			
REV.			DESCRIPTION	BY	DATE		
DESIG DRAW		\$00	DART AEROSPA HAWKESBURY, ONTAR				
CHECK		思	DRAWING NO. D4002		REV. D		
APPRO	VED	NG	TITLE		ŞÇALE		
DE APP	PR.	-#	HOSE ASSEMBLY		NTS		
DATE	11.1	0.06	COPYRIGHT © 2010 BY DART AEROSPACE LTD  PIS DOQUERT IS PRIVATE AND CONFEDENTIAL AND IS BUPPLED ON THE DEPRETE CONDITION THAT IT  MOT TO BE USED FOR MY PURPOSE OR COPES OR CONMINIOR SET TO ANY DIPORT PORSON WITHOUT  WHAT THE PERMISSION FROM DART ARROYME TO				

С

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
7) WEIGHT: D4002-041 - 0.21 lbs
D4002-043 - 0.20 lbs
8) DRAIN VALVE MAY NOT APPEAR EXACTLY AS PICTURED

8

7

						·						DQA:	Da	te:	
NCR:	Yes	/ No				WORK ORDER NON-O	100	VFORM	ANCE / UP	DATE		-		•	
									•		QA	Closed:	Da	te:	
Work Orde	ar.					DISPOSITION				AGAINST D	EPAF	RTMENT/	PROCESS		
Part N	- No					Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube  Machining noforming Large Fab	Crosstube Small Fab Finishing Composite			Water Jet d. Eng. Coor. e/Packaging Supplier		Engineering Quality Other
							J						· · · · · · · · · · · · · · · · · · ·		
Root					•	otion of work order update	1	nitial		tion	1	Sign &			
Cause		Date	Step	Qty	C	or Non-conformance	Ch	ief Eng	Desci	ription	<u> </u>	Date	Verificatio	n	QC Inspector
Doc/Data						·									· .
Equip/Tooling Operator	$\dashv$												•		
Material	Н						i							!	
Setup	$\vdash$														
Other	$\dashv$														
Process	Н			•				:							
Supplier															·
Training											1				
Unapproved															
						F	AUL	T CATE	GORY						
Landii	ng G	ear	·			General									_
		Bending				Bend		Grain			]Ov	alized			Pressure/Forced
		Centre No	t Concer	ntric to	o/s	BOM/Route		Hardwa	re		Ov	er/Under	tolerance	L.	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Pai	rt Incorrec	ct	<u> </u>	Weld
		Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/I	Unclear	Pai	rt Lost/Mi	ssing	L	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Pai	rt Moved			
		Heat Trea	t			Countersink		Mislabe	led		_	sitioned <b>W</b>	-	_	1
		Inspection	n Strip in	Tube		Cut Too Short		Misread	l		Po	wer Loss/S	Surge		Other
		Ripples in	Bend			Drill Holes		Offset							
	-	Torquo M	avec in E	vtrucio	_	Drawing	1	Out of C	alibration						

Out of Sequence

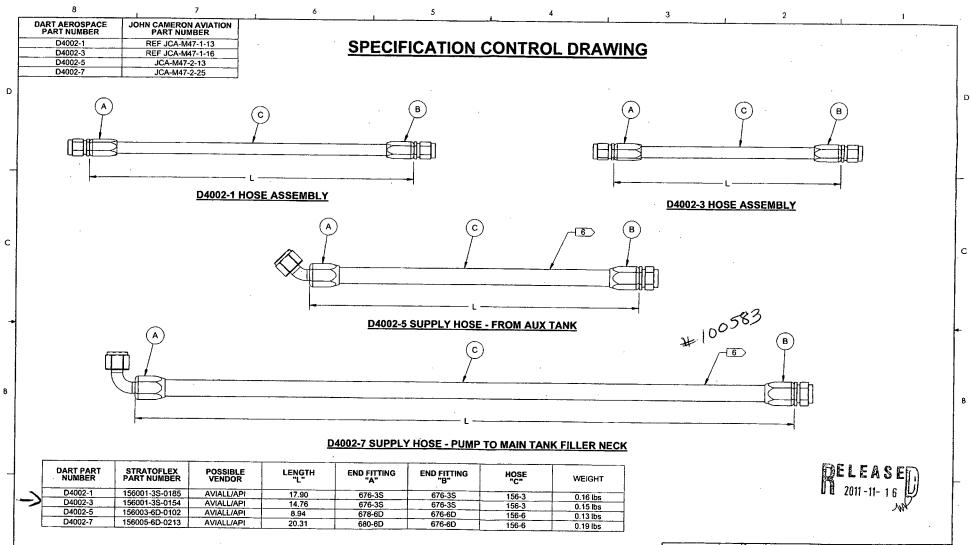
Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



NOTES: 1) MATERIAL: N/A 2) FINISH: N/A

2) FINISH: NIA
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: NIA
6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
7) WEIGHT: SEE TABLE

DESIGN	85	DART AEROSPA	CELTD
DRAWN	50	HAWKESBURY, ONTARIO,	
CHECKED	<b>4</b>	DRAWING NO.	REV. D
MFG. APPR.	3	D4002	SHEET 2 OF 2
APPROVED	MA	TITLE	SCALE
DE APPR.	4	HOSE ASSEMBLY	NTS
DATE 11.1	0.06	COPYRIGHT © 2010 BY DART AER THIS DOCUMENT IS PRIVATE AND COMPEDITING AND IS SUPPLIED ON NOT TO BE USED FOR MAY PURPOSE ON COPIED OR COMMUNICATED	THE EXPRESS CONDITION THAT IT IS

8

3

2

										DQA:	Date	:
NCR: Y	es / No				WORK ORDER NON-	COI	NFORM	MANCE / UPDATE		QA Closed:	 Date	,
					I		<u> </u>					•
Work Orde	er:				DISPOSITION			AGA	AINST DE	PARTMENT,	/PROCESS	
Part N	-				Rework Scrap			Machining Sma	stube II Fab		Water Jet d. Eng. Coor.	Engineering Quality Other
NCR N	No				Use-as-is Work Order Update		E .	noforming Fini Large Fab Comp	shing oosite	Kec/Sto	re/Packaging Supplier	Other
Root				Descri	ption of work order update		Initial	Action		Sign &	-	
Cause	Date	Step	Qty	C	or Non-conformance	Ct	nief Eng	Description		Date	Verification	QC Inspector
Doc/Data				<u> </u>								
Equip/Tooling		Ì										
Operator												
Material												
Setup												
Other										:		
Process						1						
Supplier												
Training								,				
Unapproved		<u> </u>								<u> </u>		
					F	AUI	LT CATE	GORY		<u> </u>	·	
Landi	ng Gear				General		-		r	1	_	¬
	Bending				Bend		Grain			Ovalized	_	Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	BOM/Route	<u>_</u>	Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged		<b>-</b> 1 '	on Incomplete		Part Incorre	<del>-</del>	Weld
	Crushed/	Crimped.			Burrs		┥	ions Incomplete/Unclear		Part Lost/M	_ <u>_</u>	Wrong Stock Pulled
	Cuffs				Contamination		Mainte			Part Moved		
	Heat Trea	at			Countersink		Mislabe	ied		Positioned \		
	Inspectio	n Strip in	Tube		Cut Too Short		Misread	1		Power Loss/	'Surge	Other
	Ripples in	n Bend			Drill Holes		Offset			_		

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

### **PURCHASE ORDER**

Purchase Order ID PO19693

Purchase Order Date 4/25/13 PO Print Date 4/25/13

Page Number 1 of 6

Order From:

**AVIALL** 

PO BOX 842275

DALLAS, TX 75284-2275 USA

Contact Name

Vendor Phone

905-676-1695

Vendor Fax

905-676-9046

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607 Net 30

Terms Currency

USD

**FOB** 

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7 **CANADA** 

√U-AVI003

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable l	Req Qty/ nit of Measure	Ship Method	Unit Price	Extended Price
FP NA	\S1611 <del>-</del> 013	O-RING	4/29/13 Yes	500.00 Each	FedEx PI collect	\$0.6000	\$300.00
2 50 Ms	S21061L08	Nutplate	4/29/13 Yes	500.00 Each	FedEx PI collect	\$1.4700	\$735.00
3 156	6001-3S-0185	Hose Assembly	4/29/13 Yes	8.00 Each	FedEx PI collect	\$317.9200	\$2.543.36
		Special Inst.	AS PER DWG D4 B100582	1002 REV. D			
4 15	6001-38-0154	Hose Assembly	4/29/13 Yes	10.00 Each	FedEx PI collect	\$278.6300	\$2.786.30
		Special dast:	AS PER DWG D4	1002 REV. D			

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required

Change Nbr:

Change Date: 4/25/13

B100583



**ORDER NUMBER:** 0013439797-

**ORDER DATE:** 04/25/13



SHIPMENT NBR:

PAGE: DATE: 04/26/13 TIME: 13:56

EMP#: 25184 ORD TYP: RG CURRENCY: USD

SHIP VIA: FED Plam - COLLECT

032028

DART AEROSPACE LTD 1270 ABERDEEN STREET

**CUSTOMER P.O.:** 19693

HAWKESBURY

ON K6A 1K7

CANADA

S

78690

DART AEROSPACE LTD

P 1270 ABERDEEN STREET

HAWKESBURY

ON K6A 1K7

o CANADA

S 41270

AVIALL DALLAS HOSE SHOP

AVIALL

HOSE SHOP

2755 REGENT BLVD

DFW AIRPORT TX 75261-9048

U.S.A.

	PLEASE SHIP FEDEX P1 ON CUS' NUMBER 1517-9324-0, AWB# MU THE PURCHASE ORDER NUMBER, ATTN OF CHANTAL 613-632-957	ST REFERENCE SHIP TO THE				
1	1S 156001-3S0185 HOSE: MED PRESSURE, RUBB REIN ST, REF:	8 ER	8	0	EA 317.	92 2,543.3
	Schedule B: 4009.22.005	0	ECCN:	: 9A991.d		
	LOT 51252133 EA Country of Origin: U.S.	Α.	8/			
2	1S 156001-3S0154  HOSE: MED PRESSURE, RUBB  REIN ST, REF:  Schedule B: 4009.22.005		10		EA 278.	2,786.3
	LOT 51252132 EA Country of Origin: U.S.	Δ	10			

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAAJJAA/EASA approved Air Agency are attached to the component. OS HP

04/26/13

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE. THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

**CUSTOMER ORIGINAL** 

AV18 R5-06

JR Hofmann, Director, Quality Assurance & Training

Date





PAGE: DATE: 04/26/13

TIME: 13:56 EMP#: 25184

ORD TYP: RG CURRENCY: USD

78690

ORDER NUMBER: 0013439797-**ORDER DATE:** 04/25/13

032028

DART AEROSPACE LTD 1270 ABERDEEN STREET

**CUSTOMER P.O.:** 19693

HAWKESBURY

ON K6A 1K7

CANADA

В

S

DART AEROSPACE LTD

P 1270 ABERDEEN STREET

HAWKESBURY

ON K6A 1K7

CANADA

41270

SHIP VIA: FED Plam - COLLECT

AVIALL DALLAS HOSE SHOP

AVIALL

HOSE SHOP

2755 REGENT BLVD

DFW AIRPORT

TX 75261-9048

U.S.A.

ORDER QUANTITY **BACK ORDER** UOM **UNIT PRICE EXTENDED UNIT PRICE** 

assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

> PARTS TOTAL 5,329.66 TAXES 0.00 FREIGHT 0.00 FUEL SURCHARGE 0.00

> > TOTAL 5,329.66

Currency: United States Dollar

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EAS Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component. VSTID. 04/26/13

MERCHANDISE SUBJECT TO HANDLING FEE. THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

**CUSTOMER ORIGINAL** 

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED

AV18 R5-06

JR Hofmann, Director, Quality Assurance & Training



# Hose Shop 2755 Regent Blvd. DFW Airport

75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 13439797

156001-3S0185 8EA 1.

156001-3S0154 10EA. 2.

Signed:

4-26-13 Date:

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001